| Ref<br># | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--------------------|---------------------|---------|------------------|
| S1       | 1    | ("4445116").PN.  | USPAT              | OR                  | OFF     | 2007/05/02 16:12 |
| S2       | 8    | (("20020097874") or ("5058973")<br>or ("6605822") or ("6646727") or<br>("6728281") or ("6882431") or<br>("6897434") or ("5400325")).PN.  | US-PGPUB;<br>USPAT | OR .                | OFF     | 2007/05/02 16:17 |
| S3       | 5    | (("6748434") or ("20030002674")<br>or ("6532543") or ("6862564") or<br>("20040019676")).PN.  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/05/02 16:19 |
| S4       | 30   | (("5729608") or ("6052465") or ("6160651") or ("6778557") or ("6895092") or ("20030231771") or ("6519062") or ("6145024") or ("6647010") or ("6799270") or ("20040165884") or ("6594055") or ("4770535") or ("20040190725") or ("5515438") or ("6188768") or ("6289104") or ("6539410") or ("6801626") or ("6986056") or ("7035411") or ("20020025041") or ("20040005056") or ("20020141019") or ("5720608") or ("6151586") or ("6378072") or ("20030002074") or ("20030059157") or ("20040008843")).PN.   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/05/02 16:34 |
| S5       | 46   | (("4649233") or ("5243649") or ("5307410") or ("5339182") or ("5414771") or ("5469432") or ("5502766") or ("55757912") or ("5675648") or ("5757912") or ("5764765") or ("5764767") or ("5768378") or ("5768391") or ("5805801") or ("5980131") or ("5960131") or ("5960133") or ("5966224") or ("6005993") or ("6028935") or ("6097696") or ("6122252") or ("6130780") or ("6154586") or ("6233075") or ("657012") or ("6683796") or ("6507012") or ("6583796") or ("6502916") or ("6341127") or ("5502916") or ("6341127") or ("6529498") or ("6538990") or ("6560707") or ("65754214") or ("6678379") or ("66754214") or ("6836463") or ("6754214") or ("6836463") or ("5764765")).PN. | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/05/02 16:56 |

|     |      | LAST Searc  |   |     |       |                  |
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| S6  | 136  | elliott-br\$.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OFF   | 2007/05/02 16:56 |
| S7  | 1    | elliott-brig.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OFF   | 2007/05/02 16:57 |
| S8  | 234  | BBNT.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | OFF   | 2007/05/02 16:57 |
| S9  | 1    | advantage near distill\$5 same<br>quantum   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | · ON  | 2007/05/02 16:59 |
| S10 | 1    | advantage near distill\$5 and quantum near (cryptography encrypt\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON    | 2007/05/02 17:06 |
| S11 | 314  | (reserv\$3 request\$3) with (rate<br>QOS quality near2 service) with<br>(secret near bit secret key)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON    | 2007/05/02 17:31 |
| S12 | 278  | (reserv\$3 request\$3) with (rate QOS quality near2 service) with (secret near bit secret key) and (@ad<"20040226"  @prad<"20040226")                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON    | 2007/05/02 17:08 |
| S13 | 48   | (reserv\$3 request\$3) with (rate QOS quality near2 service) with (transmit\$4 transfer\$4 send\$3) with (secret near bit secret key) and (@ad<"20040226" @prad<"20040226") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON    | 2007/05/02 17:13 |
| S14 | . 10 | (reserv\$3 request\$3) with (rate QOS quality near2 service) with key with distribut\$3 and (@ad<"20040226" @prad<"20040226")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON    | 2007/05/02 17:13 |
| S15 | 10   | (reserv\$3 request\$3) with (bit\$rate rate QOS quality near2 service) with key with distribut\$3 and (@ad<"20040226" @prad<"20040226")                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | ON    | 2007/05/02 17:13 |
| S16 | 2    | ("6366577" "6539483").pn.   | US-PGPUB;<br>USPAT                          | OR  | OFF   | 2007/05/02 17:18 |
| S17 | 40   | advantage adj distillation  | US-PGPUB;<br>USPAT                          | OR. | OFF . | 2007/05/02 17:30 |

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|-----|-----------------------|--|---|----|------|------------------|--|--|
| S18 | 2                     | advantage adj distillation and (cryptography encrypt\$3)   | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:23 |  |  |
| S19 | 1                     | advantage adj distillation same (key secret near bit)  | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:24 |  |  |
| S20 | 1090                  | (generat\$3 produc\$3) with (secret private) with (bit information) with key same (distribut\$3 send\$3 transmit\$4 transfer\$4) with (bit information)        | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:26 |  |  |
| S21 | 895                   | (generat\$3 produc\$3) with (secret private) with (bit information) with key with (distribut\$3 send\$3 transmit\$4 transfer\$4)                               | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:26 |  |  |
| S22 | 852                   | (generat\$3 produc\$3) with (secret private) with (bit information) with key with (distribut\$3 send\$3 transmit\$4 transfer\$4) and (cryptography encrypt\$3) | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:26 |  |  |
| S23 | 710                   | S22 and (@ad<"20040226"<br>@prad<"20040226")   | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:27 |  |  |
| S24 | 0                     | (advantage\$distillation)  | US-PGPUB;<br>USPAT                          | OR | OFF  | 2007/05/02 17:28 |  |  |
| S25 | 219                   | secret with key with agreement   | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:32 |  |  |
| S26 | 53174                 | (reserv\$3 request\$3) with (rate QOS quality near2 service)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON · | 2007/05/02 17:31 |  |  |
| S27 | 5                     | S25 and S26  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/05/02 17:31 |  |  |
| S28 | 59                    | secret with key with agreement and (rate QOS quality near2 service)  | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/03 08:34 |  |  |
| S29 | 51                    | secret with key with agreement and (rate QOS quality near2 service) and (@ad<"20040226" @prad<"20040226")  | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/02 17:45 |  |  |
| S30 | 514                   | key with agreement and (rate QOS quality near2 service) and (@ad<"20040226")   | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/03 08:44 |  |  |
| S31 | 1                     | "6678450".pn.  | US-PGPUB;<br>USPAT                          | OR | OFF  | 2007/05/02 17:46 |  |  |
| S32 | 4                     | ("6678450").URPN.  | USPAT                                       | OR | OFF  | 2007/05/02 17:47 |  |  |
| S33 | 28                    | key with agreement same (rate<br>QOS quality near2 service)  | US-PGPUB;<br>USPAT                          | OR | ON   | 2007/05/03 08:34 |  |  |

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|----------------|------|---|--------------------|------|------|------------------|
| S34            | . 2  | ("2001/0038695").URPN.  | USPAT              | OR   | OFF  | 2007/05/03 08:40 |
| S35            | 1    | "6678379".pn.   | USPAT              | OR   | OFF  | 2007/05/03 08:40 |
| S36            | 3    | key with agreement same quantum<br>and (@ad<"20040226"<br>@prad<"20040226")   | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 11:57 |
| S37            | 0    | key with agreement same<br>transfer\$4 near rate and<br>(@ad<"20040226"<br>@prad<"20040226")  | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 11:58 |
| S38            | 1876 | key with agreement andtransfer\$4 near rate and (@ad<"20040226" @prad<"20040226")   | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 11:58 |
| S39            | 59   | key with agreement and transfer\$4 near rate and (@ad<"20040226" @prad<"20040226")  | US-PGPUB;<br>USPAT | OR . | ON   | 2007/05/03 16:11 |
| S40            | 10   | key with agreement and (reserv\$3 request\$3) with transfer\$4 near rate and (@ad<"20040226" @prad<"20040226")                              | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 12:00 |
| S41            | 3    | ("20050036624" "20010038695"<br>"20030215088").pn. and random   | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 12:16 |
| S42            | 1    | ("20050036624" "20010038695"<br>"20030215088").pn. and ethernet   | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 15:22 |
| S43            | 1267 | (reserv\$3 request\$3) with transfer near rate  | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 12:31 |
| S44            | 1169 | (reserv\$3 request\$3) with transfer adj rate   | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 12:31 |
| S45            | 0    | (reserv\$3 request\$3) with transfer<br>adj rate same (sender transmitter)<br>with guarantee with rate                                      | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 12:31 |
| S46            | 24   | (reserv\$3 request\$3) with transfer adj rate same (sender transmitter) with rate   | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 12:35 |
| S47            | 25   | (receiver recipient) with (reserv\$3 request\$3) with transfer adj rate   | US-PGPUB;<br>USPAT | ÖR   | ON . | 2007/05/03 13:35 |
| S48            | 82   | (transmitter sender) with<br>(guarantee\$3 ensur\$3) with<br>(transfer near rate quality near2<br>service QOS)                              | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 13:37 |
| S49            | 68   | (transmitter sender) with (guarantee\$3 ensur\$3) with (transfer near rate quality near2 service QOS) and (@ad<"20042602" @prad<"20042602") | US-PGPUB;<br>USPAT | OR   | ON   | 2007/05/03 13:38 |

| S50 | 59      | (transmitter sender) with<br>(guarantee\$3 ensur\$3) with<br>(transfer near rate quality near2<br>service QOS) and<br>(@ad<"20040226"<br>@prad<"20040226")  | US-PGPUB;<br>USPAT           | OR   | ON      | 2007/05/03 13:43 |
|-----|---------|---|------------------------------|------|---------|------------------|
| S51 | 4       | ("6661806").URPN.   | USPAT                        | OR   | OFF     | 2007/05/03 13:46 |
| S52 |         | ("4813037"   "5315586"   "5367517"   "5535207"   "5574724"   "5680398"   "5742592"   "5812526"   "5825811"   "5842007"   "5878029"   "5953338"   "5970062"   "6021132"   "6081525"   "6091740"   "6205154"   "6205484"   "6216006"   "6236656"   "6243387"   "6243391"   "6400701"   "6434183"   "6438136"   "6463075"   "6480506").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR . | OFF     | 2007/05/03 13:46 |
| S53 | 1514312 | "20050036624".pn. (phase polariz\$5 modulat\$3)   | US-PGPUB;<br>USPAT           | OR   | OFF     | 2007/05/03 14:26 |
| S54 | 1       | "20050036624".pn. and (phase polariz\$5 modulat\$3)   | US-PGPUB;<br>USPAT           | OR   | OFF     | 2007/05/03 14:26 |
| S55 | 1       | ("20050036624" "20010038695"<br>"20030215088").pn. and<br>interferometer  | US-PGPUB;<br>USPAT           | OR   | ON      | 2007/05/03 15:47 |
| S56 | 0       | "6661806".pn. and minimum with (band\$width rate)   | US-PGPUB;<br>USPAT           | OR   | ON      | 2007/05/03 15:48 |
| S57 | 95      | key with agreement and (quality<br>near service QOS) and<br>(@ad<"20040226"<br>@prad<"20040226")  | US-PGPUB;<br>USPAT           | OR   | ON<br>· | 2007/10/24 11:26 |
| S58 | 34      | key adj agreement and (quality near service QOS) and (@ad<"20040226" @prad<"20040226")  | US-PGPUB;<br>USPAT           | OR   | ON      | 2007/05/03 16:13 |
| S59 | 1       | "20060026028".pn.   | US-PGPUB;<br>USPAT           | OR   | OFF     | 2007/05/04 14:30 |
| S60 | 9       | (US-20030137944-\$ or<br>US-20060252381-\$ or<br>US-20050036624-\$ or<br>US-20030002670-\$ or<br>US-20010038695-\$ or<br>US-20030215088-\$ or<br>US-20030063751-\$).did. or<br>(US-6522749-\$ or US-6661806-\$).<br>did.  | US-PGPUB;<br>USPAT           | OR   | OFF     | 2007/10/24 10:24 |
| S61 | 0       | S60 and advantage near distill\$5   | US-PGPUB;<br>USPAT           | OR   | ON      | 2007/10/24 10:25 |

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| S62  | 137  | advantage near distill\$5                            | US-PGPUB;<br>USPAT   | OR | ON . | 2007/10/24 10:25 |
| S63  | 106  | advantage adj distill\$5                             | US-PGPUB;<br>USPAT   | OR | ON   | 2007/10/24 10:26 |
| .S64 | 5    | advantage adj distill\$5 not (water<br>liquid)       | US-PGPUB;<br>USPAT   | OR | ON   | 2007/10/24 10:28 |
| S65  | 116  | advantage adj distill\$5 not (water liquid)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/24 10:34 |
| S66  | 8    | ("20020110245" "5325397"<br>"6895091" "7028059").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/24 10:39 |
| S67  | 464  | key with bit near rate                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/24 10:39 |
| S68  | 22   | (reserv\$3 request\$3) with key with bit near rate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/24 10:54 |
| S69  | 2323 | (reserv\$3 request\$3) with bit near rate            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/10/24 10:54 |
| S70  | 467  | (reserv\$3 request\$3) near2 bit adj<br>rate         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON · | 2007/10/24 10:55 |

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| S71 | 0   | (reserv\$3 request\$3) near2 bit adj<br>rate and key near agreement                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 10:55 |
| S72 | 121 | (reserv\$3 request\$3) near2 bit adj<br>rate and key withagreement                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 10:56 |
| S73 | 0   | (reserv\$3 request\$3) near2 bit adj<br>rate and key with agreement                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 10:55 |
| S74 | 0   | (reserv\$3 request\$3) near2 bit adj<br>rate and quantum near key                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 10:56 |
| S75 | 0   | (reserv\$3 request\$3) near2 bit adj<br>rate and quantum with key                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 10:57 |
| S76 | 0   | (reserv\$3 request\$3) near2 bit adj-<br>rate and quantum with<br>(cryptography encryption)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 11:02 |
| S80 | 1   | key near agreement near protocol<br>and key near rate and<br>(@ad<"20040226"<br>@prad<"20040226") | US-PGPUB;<br>USPAT   | OR | ON | 2007/10/24 11:30 |
| S81 | 7   | key near agreement near protocol<br>and key with rate and<br>(@ad<"20040226"<br>@prad<"20040226") | US-PGPUB;<br>USPAT   | OR | ON | 2007/10/24 11:38 |

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| S82 | 11  | key near agreement near protocol<br>and transmission with rate and<br>(@ad<"20040226"<br>@prad<"20040226")                            | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:38 |
| S83 | 10  | key near agreement near protocol<br>and transmission with rate and<br>(@ad<"20040226"<br>@prad<"20040226") not S81                    | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:40 |
| S84 | 0   | key near agreement near<br>secret\$key with rate and<br>(@ad<"20040226"<br>@prad<"20040226") not S81                                  | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:40 |
| S85 | 0   | key near agreement near<br>secret\$key with rate and<br>(@ad<"20040226"<br>@prad<"20040226")  | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:40 |
| S86 | 0   | key near agreement and secret\$key with rate and (@ad<"20040226" @prad<"20040226")  | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:40 |
| S87 | 12  | key near agreement and (request\$3 reserv\$5) with rate and (@ad<"20040226" @prad<"20040226")   | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:43 |
| S88 | 42  | secret near key with rate and<br>(@ad<"20040226"<br>@prad<"20040226")   | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:57 |
| S89 | 159 | key near agreement near protocol<br>and (@ad<"20040226"<br>@prad<"20040226")  | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:53 |
| S90 | 7   | key near agreement near protocol<br>and transmission near (rate speed)<br>and (@ad<"20040226"<br>@prad<"20040226")                    | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:54 |
| S91 | 0   | secret\$key with rate and (@ad<"20040226" @prad<"20040226") not S88   | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:55 |
| S92 | 12  | secret near key with agreement and transmission near (rate speed) and (@ad<"20040226" @prad<"20040226")                               | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 11:57 |
| S93 | 46  | request\$3 with (transfer transmission) near rate same (transmi\$5 transfer\$3) with (transfer transmission) near rate with satisf\$6 | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 14:05 |
| S94 | 1   | "5995623".pn.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/24 14:05 |
| S95 | 0   | ("2004/0136321").URPN.  | USPAT              | OR | OFF | 2007/10/24 15:05 |

| S96 | 1 | "7286484".pn.   | USPAT                        | OR | OFF | 2007/10/24 15:05 |
|-----|---|---|------------------------------|----|-----|------------------|
| S97 | 6 | ("20030224813"   "20050058154"  <br>"6192354"   "6633858"   "6665651"<br>  "6917925").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/24 16:43 |
| S98 | 1 | "20030063751".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/24 16:43 |